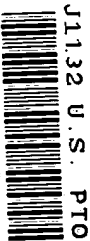


03/06/02



J1132 U.S. PTO

Please type a plus sign (+) inside this box

PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new non provisional applications under 37 CFR 1.53(b))

Attorney Docket No. N.C.83,517

First Inventor HOUSER

Title HYPERBRANCHED CHEMOSELECTIVE SILICON-BASED

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification (Total Pages 21)  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U. S. C. 113) [ Total Sheets 2 ]
5. Oath or Declaration [ Total Pages 1 ]
- a. ☒ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS  
Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(13)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☐ Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,  
or in an Application Data Sheet under 37 CFR 1, 76:☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under  
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label  (attach bar code label here) or ☐ Correspondence address below

Name Naval Research Laboratory, Code 1008.2

4555 Overlook Ave., S.W.

Address Code 1008.2

City Washington

State DC

Zip Code 20375-5320


Country US

Telephone 202-404-1552

Fax 202-404-7380

Name (Print/Type) John J. Karasek

Registration No. (Attorney/Agent) 36,182

Signature 

Date 3/5/02

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Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 968

## Complete if Known

Application Number	NOT YET ASSIGNED
Filing Date	
First Named Inventor	HOUSER
Examiner Name	NOT YET ASSIGNED
Group Art Unit	NOT YET ASSIGNED
Attorney Docket No.	83,517

## METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number 50-0281  
Deposit Account Name Naval Research Laboratory

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status, See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)	Fee Paid
101 740 201 370 Utility filing fee	740
106 330 206 165 Design filing fee	
107 510 207 255 Plant filing fee	
108 740 208 370 Reissue filing fee	
114 160 214 80 Provisional filing fee	

SUBTOTAL(1) (\$ 740

### 2. EXTRA CLAIM FEES

Total Claims 28 - 20 = 8 Extra Claims Fee from below 18 Fee Paid 144  
Independent Claims 4 - 3 = 1 Fee from below 84 Fee Paid 84  
Multiple Dependent

Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)	Fee Paid
103 18 203 9 Claims in excess of 20	
102 84 202 42 Independent claims in excess of 3	
104 280 204 140 Multiple dependent claim, if not paid	
109 84 209 42 ** Reissue independent claims over original patent	
110 18 210 9 Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 228

\*\*or number previously paid, if greater, For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$) Code (\$) Code (\$) Code (\$)	Fee Paid
105 130 205 65 Surcharge - late filing fee or oath	
127 50 227 25 Surcharge - late provisional filing fee or cover sheet	
139 130 139 130 Non-English specification	
147 2,520 147 2,520 For filing a request for ex parte reexamination	
112 920* 11 2 920* Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	
115 110 215 55 Extension for reply within first month	
116 400 216 200 Extension for reply within second month	
117 920 217 460 Extension for reply within third month	
118 1,440 218 720 Extension for reply within fourth month	
128 1,960 228 980 Extension for reply within fifth month	
119 320 219 160 Notice of Appeal	
120 320 220 160 Filing a brief in support of an appeal	
121 280 221 140 Request for oral hearing	
138 1,510 138 1,510 Petition to institute a public use proceeding	
140 110 240 55 Petition to revive - unavoidable	
141 1,280 241 640 Petition to revive - unintentional	
142 1,280 242 640 Utility issue fee (or reissue)	
143 460 243 230 Design issue fee	
144 620 244 310 Plant issue fee	
122 130 122 130 Petitions to the Commissioner	
123 50 123 50 Processing fee under 37 CFR 1.17(c)	
126 180 126 180 Submission of Information Disclosure Stmt	
581 40 581 40 Recording each patent assignment per property (times number of properties)	
146 740 246 370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))	
179 740 279 370 Request for Continued Examination (RCE)	
169 900 169 900 Request for expedited examination of a design application	
Other fee (specify) _____	
SUBTOTAL (3) (\$ 0	

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182	Complete (if applicable)	Telephone	202-404-1552
Signature		Date	5/5/99			

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